

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S8	252	250/370.14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 20:30
S9	10	("5164583" "5331166" "5448613" "5751783" "6208710").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 20:32
S10	15	"5777335".pn. "5877501".pn. "5937027".pn. "200128701".pn. "6353228".pn. "2002101960".pn. "6515286".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 20:33
S11	17	"5777335".pn. "5877501".pn. "5937027".pn. "200128701".pn. "6353228".pn. "2002101960".pn. "6515286".pn. "6208710".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 20:34
S12	10	"1048268".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 20:35
S13	11	(US-5448613-\$ or US-6208710-\$ or US-5751783-\$ or US-5331166-\$ or US-5164583-\$ or US-6515286-\$ or US-6353228-\$ or US-5937027-\$ or US-5877501-\$ or US-5777335-\$).did. or (EP-1048268-\$).did.	USPAT; EPO	OR	ON	2005/09/21 20:35
S14	12	("4471378" "5164583" "5331166" "5448613" "5751783" "6208710").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/21 15:36
S15	446	250/370.08.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/21 15:37
S16	986	250/370.09.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/21 15:37
S17	265	250/370.14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/21 15:37
S18	723	250/370.11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/21 15:41
S19	404	257/428.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/21 15:41

## EAST Search History

S20	2334	S14 S15 S16 S17 S18 S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/21 15:41
S21	1979	S14 S15 S16 S17 S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/21 15:41
S22	2334	S14 S15 S16 S17 S18 S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/21 15:45
S23	78	S22 and "same" adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/21 15:46
S24	1446	S22 and (convert\$4 or convert\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/21 15:47
S25	67	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S26	265	250/370.14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S27	10	("5164583" "5331166" "5448613" "5751783" "6208710").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S28	15	"5777335".pn. "5877501".pn. "5937027".pn. "200128701".pn. "6353228".pn. "2002101960".pn. "6515286".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S29	17	"5777335".pn. "5877501".pn. "5937027".pn. "200128701".pn. "6353228".pn. "2002101960".pn. "6515286".pn. "6208710".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S30	10	"1048268".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S31	10	(US-5448613-\$ or US-6208710-\$ or US-5751783-\$ or US-5331166-\$ or US-5164583-\$ or US-6515286-\$ or US-6353228-\$ or US-5937027-\$ or US-5877501-\$ or US-5777335-\$).did. or (EP-1048268-\$).did.	USPAT; EPO	OR	ON	2006/03/23 13:45

## EAST Search History

S32	12	("4471378" "5164583" "5331166" "5448613" "5751783" "6208710").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S33	446	250/370.08.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S34	986	250/370.09.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:51
S35	265	250/370.14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S36	723	250/370.11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S37	404	257/428.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S38	2334	S32 S33 S34 S35 S36 S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S39	1979	S32 S33 S34 S35 S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S40	2334	S32 S33 S34 S35 S36 S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S41	78	S40 and "same" adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:51
S42	1446	S40 and (convers\$4 or convert\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45
S43	67	S41 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:45

## EAST Search History

S44	555	378/98.8.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:50
S45	321	378/97.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:51
S46	3037	S40 S44 S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:51
S47	84	S46 and "same" adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:51
S48	627	S41 S43 S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:52
S49	190	S48 and (tft mis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 14:29
S50	12	("20010028701"   "20020101960"   "5164583"   "5331166"   "5448613"   "5751783"   "5777335"   "5877501"   "5937027"   "6208710"   "6353228"   "6515286").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:59
S51	68	S49 and "same" adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 14:28
S52	1716	S34 S44 S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 14:28
S53	392	S52 and (tft mis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 14:29
S54	29	S53 and (exposure or dose) near2 pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 14:34
S55	48	S53 and "same" adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 15:05

## EAST Search History

S56	36	(US-20050279943-\$ or US-20050199889-\$ or US-20050145800-\$ or US-20030213914-\$ or US-20020109097-\$ or US-20010020683-\$ or US-20040041097-\$ or US-20030043967-\$ or US-20030020020-\$ or US-20020145117-\$ or US-20010028701-\$ or US-20040101100-\$).did. or (US-5164583-\$ or US-5777335-\$ or US-5751783-\$ or US-5331166-\$ or US-6515286-\$ or US-6208710-\$ or US-5448613-\$ or US-6353228-\$ or US-5877501-\$ or US-5937027-\$ or US-4471378-\$ or US-6642562-\$ or US-6600157-\$ or US-6501062-\$ or US-6489618-\$ or US-6323490-\$ or US-6075256-\$ or US-6977988-\$ or US-5729021-\$ or US-6198800-\$ or US-6476867-\$ or US-6333963-\$ or US-5912465-\$).did. or (EP-1048268-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/03/23 15:14
S57	19	S56 and "same" near2 layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 15:06
S58	265	S34 and tft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 15:15
S59	265	S34 and tft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 15:23
S60	0	S34 and tft and smae adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 15:23
S61	39	S34 and tft and "same" adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 15:28
S62	24711	S34 and tft and conversion near4 layer "same" adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 15:29
S63	89	S34 and tft and conversion near4 layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 15:30
S64	39	(US-20050279943-\$ or US-20050199889-\$ or US-20050145800-\$ or US-20030213914-\$ or US-20020109097-\$ or US-20010020683-\$ or US-20040041097-\$ or US-20030043967-\$ or US-20030020020-\$ or US-20020145117-\$ or US-20010028701-\$ or US-20040101100-\$ or US-20010010361-\$).did. or (US-5164583-\$ or US-5777335-\$ or US-5751783-\$ or US-5331166-\$ or US-6515286-\$ or US-6208710-\$ or US-5448613-\$ or US-6353228-\$ or US-5877501-\$ or US-5937027-\$ or US-4471378-\$ or US-6642562-\$ or US-6600157-\$ or US-6501062-\$ or US-6489618-\$ or US-6323490-\$ or US-6075256-\$ or US-6977988-\$ or US-5729021-\$ or US-6198800-\$ or US-6476867-\$ or US-6333963-\$ or US-5912465-\$ or US-6423973-\$ or US-5793047-\$).did. or (EP-1048268-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/03/23 15:30

## EAST Search History

S65	3	S64 and throughput.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 15:31
S66	10	S64 and yield	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 15:35
S67	39	(US-20050279943-\$ or US-20050199889-\$ or US-20050145800-\$ or US-20030213914-\$ or US-20020109097-\$ or US-20010020683-\$ or US-20040041097-\$ or US-20030043967-\$ or US-20030020020-\$ or US-20020145117-\$ or US-20010028701-\$ or US-20040101100-\$ or US-20010010361-\$).did. or (US-5164583-\$ or US-5777335-\$ or US-5751783-\$ or US-5331166-\$ or US-6515286-\$ or US-6208710-\$ or US-5448613-\$ or US-6353228-\$ or US-5877501-\$ or US-5937027-\$ or US-4471378-\$ or US-6642562-\$ or US-6600157-\$ or US-6501062-\$ or US-6489618-\$ or US-6323490-\$ or US-6075256-\$ or US-6977988-\$ or US-5729021-\$ or US-6198800-\$ or US-6476867-\$ or US-6333963-\$ or US-5912465-\$ or US-6423973-\$ or US-5793047-\$).did. or (EP-1048268-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/03/24 12:16
S68	33	S67 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/24 12:25
S69	26	S67 and tft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/24 12:54
S70	20	S67 and "same" adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 13:13
S71	39	(US-20050279943-\$ or US-20050199889-\$ or US-20050145800-\$ or US-20030213914-\$ or US-20020109097-\$ or US-20010020683-\$ or US-20040041097-\$ or US-20030043967-\$ or US-20030020020-\$ or US-20020145117-\$ or US-20010028701-\$ or US-20040101100-\$ or US-20010010361-\$).did. or (US-5164583-\$ or US-5777335-\$ or US-5751783-\$ or US-5331166-\$ or US-6515286-\$ or US-6208710-\$ or US-5448613-\$ or US-6353228-\$ or US-5877501-\$ or US-5937027-\$ or US-4471378-\$ or US-6642562-\$ or US-6600157-\$ or US-6501062-\$ or US-6489618-\$ or US-6323490-\$ or US-6075256-\$ or US-6977988-\$ or US-5729021-\$ or US-6198800-\$ or US-6476867-\$ or US-6333963-\$ or US-5912465-\$ or US-6423973-\$ or US-5793047-\$).did. or (EP-1048268-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/03/27 15:11
S72	1	S71 and FET	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 13:14
S73	1	S71 and FET and (MIS or diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 13:14

## EAST Search History

S74	12	("4471378" "5164583" "5331166" "5448613" "5751783" "6208710").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 13:15
S75	446	250/370.08.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 13:15
S76	986	250/370.09.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 13:15
S77	265	250/370.14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 13:15
S78	723	250/370.11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 13:15
S79	404	257/428.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 13:15
S80	2334	S74 S75 S76 S77 S78 S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 13:15
S81	26	S71 and tft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 15:40
S82	12	S71 and stack\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 16:02
S83	21	S80 and stack\$4 same switch\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 15:44
S84	1	("2002/0050568").URPN.	USPAT	OR	ON	2006/03/27 15:57
S85	1	("2002/0050569").URPN.	USPAT	OR	ON	2006/03/27 15:57
S86	2	("2002/0054659").URPN.	USPAT	OR	ON	2006/03/27 15:58
S87	0	"20020054659"	USPAT	OR	ON	2006/03/27 15:58
S88	2	2002/0054659	USPAT	OR	ON	2006/03/27 15:59
S89	13	"928211"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 15:59

## EAST Search History

S90	12	S71 and scintillat\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 17:48
S91	6	S80 and fill-factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 17:49
S92	1	S80 and fill adj ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 17:50
S93	80	S80 and fill adj factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 17:52
S94	29	S80 and fill adj factor and stack\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 17:55
S95	29	S80 and (fill adj factor or aperature adj ratio) and stack\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 17:55
S96	34	S80 and (fill adj factor or aperture adj ratio) and stack\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 17:58
S97	20	S71 AND BIAS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 18:24
S98	19	S71 and (ohmic transparent near4 electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 18:45
S99	0	S71 and (capactit\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 18:45
S10 0	30	S71 and (capacit\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 18:45
S10 1	22	S71 and (capacit\$5) and (mis or diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 18:58



## EAST Search History

S10 2	8	S71 and (selenium gallium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 19:00
S10 3	33	S71 and (selenium gallium silicon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 19:00
S10 4	6	S71 and (selenium gallium) and (silicon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 19:09
S10 5	8	S71 and (selenium gallium) and (silicon or semiconduct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 19:44